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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER FORSAL-98
INTERNATIONAL APPLICATION NO. PCT/FI2003/000482	INTERNATIONAL FILING DATE 16 June 2003	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/518416
TITLE OF INVENTION Method, System and Calender for Controlling the Moisture Profile and/or Moisture Gradient of a Paper Web, and a Web		PRIORITY DATE CLAIMED 19 June 2002
APPLICANT(S) FOR DO/EO/US HEIKKINEN, Antti; KUOSA, Harri; LINNONMAA, Pekka; LÄTTI, Hannu; KYITSÖNEN, Markku and JAAKOLA, Markko		


Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☒ A substitute specification.
16. ☒ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: **Marked Up Substitute Specification**

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/518416</div>		INTERNATIONAL APPLICATION NO. PCT/FI2003/000482		ATTORNEY'S DOCKET NUMBER FORSAL-98	
21. The following fees are submitted:					
<input checked="" type="checkbox"/> a) Basic national fee..... \$300.00				\$300.00	
<input checked="" type="checkbox"/> b) Examination fee..... \$200.00				\$200.00	
<input checked="" type="checkbox"/> c) Search fee..... \$500.00				\$500.00	
TOTAL OF ABOVE CALCULATIONS =				\$1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	29-20 =	9	x \$50.00	\$ 450.00	
Independent claims	4-3 =	1	x \$200.00	\$ 200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,650.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00	
TOTAL FEES ENCLOSED =				\$ 1,690.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,690.00 & \$40.00</u> to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-2663</u> A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO: Patrick J.G. Stiennon Stiennon & Stiennon 612 West Main St., Suite 201 P.O. Box 1667 Madison, WI 53701-1667 USA					
				 SIGNATURE	
				Patrick J.G. Stiennon NAME	
				34934 REGISTRATION NUMBER	

In The United States Patent And Trademark Office

Applicant: Antti Heikkinen

Date: December 17, 2004

Date Filed: Simultaneously herewith

Docket No.: FORSAL-98

PCT App. No.: PCT/FI2003/000482

DT01 Rec'd PCT/PTC 17 DEC 2004

For: Method, System and Calender for Controlling the Moisture Profile and/or
Moisture Gradient of a Paper Web, and a Web

EXPRESS MAIL LETTER

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

"Express Mail" Mailing Label No.: EV 507 230 801 US
Date of Deposit: December 17, 2004

I hereby certify that these attached documents:

- Response postcard
- Check in the amount of \$1,690.00
- PTO-1390 Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (2 pp)(2 copies)
- PCT Cover Sheet (1 p) and Copy of International Application (specification and claims 23 pages, 7 sheets of formal drawing and international search report 3 pp)
- PTO/SB01(2 pp) & PTO/SB02A (2 pp) Declaration for Utility or Design Patent Application
- PTO/SB/81 Power of Attorney or Authorization of Agent (6 pp)
- Preliminary Amendment (11 pp) with 4 sheets of Annotated drawings Showing Changes and 4 sheets replacement drawing sheets
- Submission of Substitute Specification under 37 C.F.R. § 1.125 (1 p)
- Clean Copy of Substitute Specification under 37 C.F.R. 1.125(c) (21 pp)
- Marked Up Copy of Substitute Specification under 37 C.F.R. 1.125(b)(2) (21 pp)
- Information Disclosure Statement (2 pp)
- PTO/SB/08A and PTO/SB/08B with 15 attached documents
- Check for \$40.00
- PTO-1595 Recordation Form Cover Sheet (1 p)
- Assignment (3 pp)

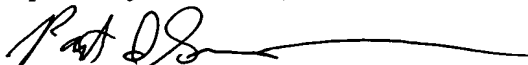
are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 35 C.F.R. §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Patrick J.G. Stiennon, Reg. No. 34934

Enclosed for filing please find the above-referenced documents. Please indicate receipt by returning the attached postcard with the official Patent and Trademark Office receipt and serial number stamped thereon.

Respectfully submitted,



Patrick J.G. Stiennon, Reg. No. 34934

Attorney for Applicant
Stiennon & Stiennon
612 W. Main St., Suite 201, P.O. Box 1667
Madison, Wisconsin 53701-1667
(608) 250-4870

10/518416

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In The United States Patent And Trademark Office

Applicant: Antti Heikkinen et al.

Date: December 17, 2004

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and/or Moisture Gradient of a Paper Web, and a Web

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1450, Alexandria, VA 22313-1450



Signature

Patrick J. G. Stiennon, Reg. No. 34934

Name of applicant, assignee or Registered Representative

Submission of Substitute Specification Under 37 C.F.R. § 1.125

Commissioner for Patents

P.O. Box 1450, Alexandria, VA 22313-1450

Dear Sir:

A substitute specification, excluding the claims, is filed herewith under the provisions
of 37 C.F.R. § 1.125(b).

1. The substitute specification contains no new matter.
2. A marked-up copy of the substitute specification showing the matter being
added to and the matter being deleted from the specification of record
accompanies this paper. The matter being added is underlined and bold, and
the matter being deleted is shown struck out, enclosed in brackets and bold.
3. The substitute specification is submitted in clean form without markings as to
amended material.

Applicant requests that the accompanying substitute specification be entered in the
application record.

Respectfully submitted,



Patrick J. G. Stiennon, Reg. No. 34934

Attorney for Applicant

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